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First Quarter

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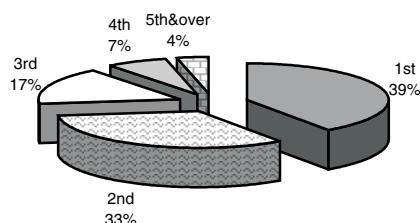
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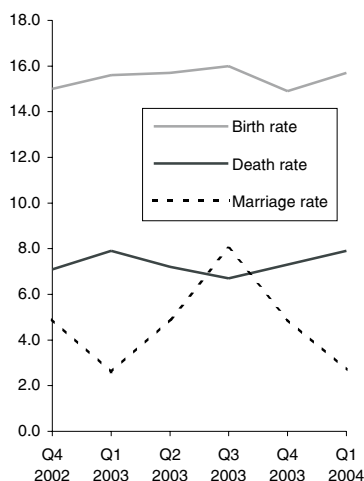
First Quarter 2004

Commentary

Birth Order



Annual birth, death and marriage rates per 1,000 population



Average age at maternity



Introduction

This report has been prepared by the Central Statistics Office for the Minister for Health and Children in accordance with the provisions of Section 2 of the Vital Statistics and Births, Deaths and Marriages Registration Act, 1952.

Births

There were 15,599 births registered in quarter 1 of 2004, 8,025 males and 7,574 females, an increase of 361 on the quarter 1 figure of 2003. The quarter 1 2004 total is 25% higher than in 1995 when 12,516 babies were registered.

This represents an annual birth rate of 15.7 per 1,000 of the population, 0.1 above quarter 1 of 2003. This rate is 1.7 per 1,000 population higher than in 1995.

Birth order

A total of 6,082 births (40.4%) were to first time mothers in quarter 1 of 2004. Second time mothers had 4,908 births (32.6%). On the other hand, only 27.0% of mothers already had two or more live born children, reflecting the trend towards smaller family sizes (*see table 3*). This compares to 4,428 (35.6%) first births registered in quarter 1 1995.

Births outside marriage

There were 5,181 births registered as outside marriage in quarter 1 of 2004. This accounted for 33.2% of all births, a decrease of 0.1% on quarter 1 2003. The highest percentage of births outside marriage occurred in Limerick City at 56.3%, while the county with the lowest percentage was Roscommon at 19.8% (*see table 6*). In quarter 1 1995 2,851 births were registered outside marriage or 22.8% of all births.

Deaths

There were 7,873 deaths registered in quarter 1 2004, 3,953 males and 3,920 females, an increase of 117 on the quarter 1 figure 2003. The quarter 1 2004 total is 14% lower than in 1995 when 9,165 deaths were registered.

This represents an annual death rate of 7.9 per 1,000 population, the same as quarter 1 2003. This rate is 2.3 per 1,000 population lower than in 1995.

Age at death

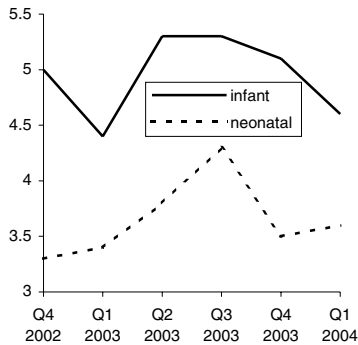
There were 72 infant deaths registered in quarter 1 2004, an increase of 5 on the quarter 1 figure 2003. Neonatal deaths are deaths of infants at ages under 4 weeks. There were 56 neonatal deaths registered in quarter 1 2004, an increase of 4 on the quarter 1 figure 2003.

In quarter 1 2004 the infant mortality rate of 4.6 per 1,000 live births was 0.2 above quarter 1 2003. This rate is 1.0 per 1,000 live births lower than in 1995. The neonatal mortality rate per 1,000 live births in quarter 1 2004 was 3.6, 0.2 above quarter 1 2003 and the same as quarter 1 1995.

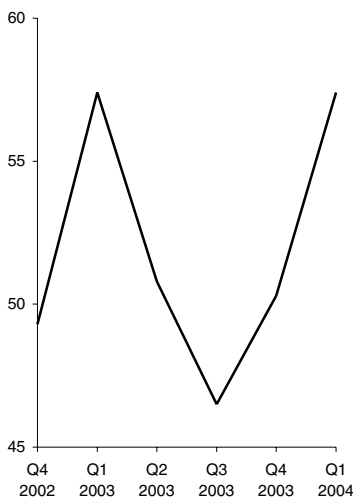
There were 6,347 deaths of persons aged 65 and over registered in quarter 1 2004, an increase of 88 on the quarter 1 figure 2003. The quarter 1 2004 total is 15% lower than in 1995 when 7,466 deaths were registered.

This represents an annual death rate of 57.3 per 1,000 population aged 65 and over, 0.1 below quarter 1 2003. This rate is 15.8 per 1,000 population aged 65 and over lower than in 1995.

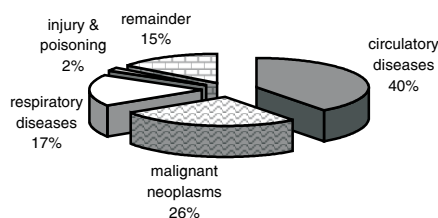
Infant and neonatal mortality rates per 1,000 live births



Death rates for ages 65 & over per 1,000 relevant population



Principal causes of death



Cause of death

• Diseases of the Circulatory System:

Diseases of the Circulatory System accounted for 3,099 deaths, or an annual rate of 3.1 per 1,000 population. Of these 1,554 were due to Ischaemic Heart Disease and 626 to Cerebrovascular Disease.

• Malignant Neoplasms:

There were 2,057 deaths from malignant neoplasms. This is equivalent to an annual rate of 2.1 per 1,000 population. Of these 254 were due to malignant neoplasms of the colon, rectum and anus and 451 to malignant neoplasms of the larynx and trachea, bronchus and lung.

• Diseases of the Respiratory System:

Deaths from pneumonia numbered 664; chronic bronchitis, emphysema and asthma (including chronic obstructive airways disease) accounted for 481 deaths; 211 deaths resulted from other respiratory diseases.

• Injury and Poisoning:

There were 36 deaths from injuries received in motor vehicle accidents (including non-traffic accidents) while all other injuries and poisonings accounted for 120 deaths.

Methodology

Deaths are coded according to the 9th revision of the International Statistical Classification of Diseases, Injuries and Causes of death.

Marriages

The number of marriages registered during the quarter was 2,676 equivalent to an annual marriage rate of 2.7 per 1,000 population, 0.1 above the corresponding quarter of 2003. The quarter 1 2004 total is twice that in 1995 when 1,751 marriages were registered.

Population

The estimated population in April 2003 was 3,978,900 persons.

Methodology

All figures in this report are classified by quarter of registration. Delay in the registration of some births, deaths and marriages result in them being included in a later period in these quarterly reports.

Table 1 Marriages, births, deaths and natural increase

		Live Births				Deaths				Natural Increase
		Total	First	Outside marriage	Average Age	Total	Infant	Neonatal	65 & over	
Marriages ¹										
Quarter 1										
1995	1751	12516	4428	2851	29.8	9165	70	45	7466	3351
1996	1974	12749	4762	3139	30.0	9248	67	48	7592	3501
1997	1665	12980	5032	3656	29.9	9235	87	53	7541	3745
1998	1642	13405	5209	3875	30.0	8927	82	52	7244	4478
1999	2064	13388	5491	4275	30.0	9867	80	61	8104	3521
2000	2200	13984	5693	4656	30.0	9804	86	59	8062	4180
2001	2168	14785	5963	4877	30.1	8408	81	56	6747	6377
2002	2338	14972	6127	4877	30.3	7749	73	51	6281	7223
2003	2571	15238	6158	5080	30.3	7756	67	52	6259	7482
2004	2676	15599	6082	5181	30.7	7873	72	56	6347	7726
Quarter 2										
1995	3711	12579	4498	2644	30.0	8004	89	71	6471	4575
1996	3653	12175	4316	2844	30.0	7790	59	38	6351	4385
1997	3577	13679	5036	3445	30.2	8104	80	48	6434	5575
1998	3689	13729	5181	3674	30.1	8021	88	56	6421	5708
1999	4577	13585	5299	4053	30.2	7777	79	55	6155	5808
2000	4670	13794	5427	4260	30.3	7650	77	52	5974	6144
2001	4533	14303	5615	4307	30.5	7260	74	55	5808	7043
2002	4994	15247	5858	4672	30.5	7680	91	64	6074	7567
2003	4827	15582	6095	4689	30.6	7203	83	59	5625	8379
2004										
Quarter 3										
1995	6451	12488	4660	2804	30.1	6835	71	51	5350	5653
1996	6868	13015	4999	3274	30.0	7235	81	57	5729	5780
1997	7011	14211	5442	3723	30.2	7090	80	51	5505	7121
1998	7530	14027	5552	3901	30.1	7187	72	57	5625	6840
1999	7342	13840	5635	4323	30.0	6645	70	44	5218	7195
2000	7593	13967	5641	4451	30.2	6832	89	54	5372	7135
2001	7557	14688	5901	4472	30.3	6974	97	67	5403	7714
2002	7934	15593	6333	4855	30.4	6941	68	50	5391	8652
2003	7996	15909	6240	4981	30.6	6639	85	68	5147	9270
2004										
Quarter 4										
1995	3691	10947	4083	2489	30.1	7490	77	58	5875	3457
1996	3679	12451	4910	3227	29.9	7241	71	55	5631	5210
1997	3378	11441	4584	3068	30.0	7176	77	44	5613	4265
1998	3922	12390	5053	3683	30.1	7217	88	67	5566	5173
1999	4543	12541	5139	3810	30.2	7394	64	48	5815	5147
2000	4705	12494	5236	3868	30.2	6829	70	53	5324	5665
2001	4988	14106	5915	4393	30.3	7170	85	57	5422	6936
2002	4781	14709	5989	4411	30.5	6978	74	49	5378	7731
2003	4908	14788	5883	4563	30.7	7225	76	52	5568	7563
2004										
Total										
1995	15604	48530	17673	10788	30.0	31494	307	225	25162	17036
1996	16174	50390	18987	12484	30.0	31514	278	198	25303	18876
1997	15631	52311	20094	13892	30.1	31605	324	196	25093	20706
1998	16783	53551	20995	15133	30.1	31352	330	232	24856	22199
1999	18526	53354	21564	16461	30.1	31683	293	208	25292	21671
2000	19168	54239	21997	17235	30.2	31115	322	218	24732	23124
2001	19246	57882	23394	18049	30.3	29812	337	235	23380	28070
2002	20047	60521	24307	18815	30.4	29348	306	214	23124	31173
2003	20302	61517	24376	19313	30.6	28823	311	231	22599	32694
2004										

¹ The figures since 1996 are subject to revision

Table 2 Annual marriage, birth, death and natural increase rates per 1,000 population

	Marriages	Live Births			Deaths				Natural Increase
		Total	% First births ¹	% Outside marriage	Total	Infant Mortality ²	Neonatal Mortality ³	65 & over	
Quarter 1									
1995	2.0	14.0	35.6	22.8	10.2	5.6	3.6	73.1	3.7
1996	2.2	14.2	37.5	24.6	10.3	5.3	3.8	73.8	3.9
1997	1.8	14.3	38.8	28.2	10.2	6.7	4.1	72.9	4.1
1998	1.8	14.6	39.0	28.9	9.7	6.1	3.9	69.6	4.9
1999	2.2	14.5	41.1	31.9	10.7	6.0	4.6	77.1	3.8
2000	2.4	14.9	40.9	33.3	10.5	6.1	4.2	76.4	4.5
2001	2.3	15.6	40.5	33.0	8.9	5.5	3.8	63.5	6.7
2002	2.4	15.6	41.2	32.6	8.1	4.9	3.4	58.5	7.5
2003	2.6	15.6	40.7	33.3	7.9	4.4	3.4	57.4	7.6
2004	2.7	15.7	40.4	33.2	7.9	4.6	3.6	57.3	7.8
Quarter 2									
1995	4.1	14.0	35.8	21.0	8.9	7.1	5.6	62.9	5.1
1996	4.0	13.4	35.5	23.4	8.6	4.8	3.1	61.4	4.8
1997	3.9	14.9	36.9	25.2	8.8	5.8	3.5	61.9	6.1
1998	4.0	14.8	37.9	26.8	8.7	6.4	4.1	61.1	6.2
1999	4.9	14.5	39.2	29.8	8.3	5.8	4.0	58.4	6.2
2000	4.9	14.6	39.5	30.9	8.1	5.6	3.8	56.3	6.5
2001	4.7	14.9	39.5	30.1	7.5	5.2	3.8	54.1	7.3
2002	5.1	15.6	38.8	30.6	7.8	6.0	4.2	55.7	7.7
2003	4.9	15.7	39.5	30.1	7.2	5.3	3.8	50.8	8.4
2004									
Quarter 3									
1995	7.2	13.9	37.4	22.5	7.6	5.7	4.1	52.0	6.3
1996	7.6	14.4	38.5	25.2	8.0	6.2	4.4	55.4	6.4
1997	7.7	15.5	38.4	26.2	7.7	5.6	3.6	52.9	7.8
1998	8.1	15.2	39.7	27.8	7.8	5.1	4.1	53.5	7.4
1999	7.8	14.8	40.9	31.2	7.1	5.1	3.2	49.5	7.7
2000	8.0	14.7	40.6	31.9	7.2	6.4	3.9	50.6	7.5
2001	7.9	15.3	40.4	30.4	7.3	6.6	4.6	50.3	8.0
2002	8.1	15.9	41.0	31.1	7.1	4.4	3.2	49.5	8.8
2003	8.0	16.0	39.6	31.3	6.7	5.3	4.3	46.5	9.3
2004									
Quarter 4									
1995	4.1	12.2	37.4	22.7	8.3	7.0	5.3	57.1	3.8
1996	4.1	13.7	39.5	25.9	8.0	5.7	4.4	54.4	5.7
1997	3.7	12.5	40.2	26.8	7.8	6.7	3.8	54.0	4.7
1998	4.2	13.4	41.0	29.7	7.8	7.1	5.4	53.0	5.6
1999	4.9	13.4	41.1	30.4	7.9	5.1	3.8	55.1	5.5
2000	5.0	13.2	42.1	31.0	7.2	5.6	4.2	50.1	6.0
2001	5.2	14.7	42.2	31.1	7.5	6.0	4.0	50.5	7.2
2002	4.9	15.0	41.2	30.0	7.1	5.0	3.3	49.3	7.9
2003	4.9	14.9	40.9	30.9	7.3	5.1	3.5	50.3	7.6
2004									
Total									
1995	4.3	13.5	36.5	22.2	8.7	6.3	4.6	61.2	4.7
1996	4.5	13.9	37.8	24.8	8.7	5.5	3.9	61.1	5.2
1997	4.3	14.3	38.5	26.6	8.6	6.2	3.7	60.3	5.7
1998	4.5	14.5	39.4	28.3	8.5	6.2	4.3	59.2	6.0
1999	5.0	14.3	40.6	30.9	8.5	5.5	3.9	59.9	5.8
2000	5.1	14.3	40.8	31.8	8.2	5.9	4.0	58.2	6.1
2001	5.0	15.0	40.7	31.2	7.7	5.8	4.1	54.4	7.3
2002	5.1	15.5	40.5	31.1	7.5	5.1	3.5	53.0	8.0
2003	5.1	15.5	40.2	31.4	7.2	5.1	3.8	51.0	8.2
2004									

¹ First births divided by the total number of live births (excluding those with unstated parity), multiplied by 100² Infant mortality is the number of infant deaths per 1,000 live births³ Neonatal mortality is the number of neonatal (infants aged under 4 weeks) deaths per 1,000 live births

Table 3 Births registered, classified by age of mother at maternity, sex and previous number of liveborn children showing the number of births outside marriage

Age of mother at maternity	Total births			Births outside marriage	Previous number of liveborn children						
	Males	Females	Total		0	1	2	3	4	5 or more	Not stated
All ages	8,025	7,574	15,599	5,181	6,082	4,908	2,488	1,012	339	224	546
15 and under	9	5	14	14	14	-	-	-	-	-	-
16	26	33	59	57	53	3	-	-	-	-	3
17	70	52	122	119	113	7	-	-	-	-	2
18	123	107	230	214	190	30	-	-	-	-	10
19	173	153	326	291	259	46	6	-	-	-	15
Under 20	401	350	751	695	629	86	6	-	-	-	30
20	194	181	375	318	284	73	7	3	-	-	8
21	188	205	393	328	271	93	11	3	1	1	13
22	211	193	404	327	229	128	26	7	-	1	13
23	239	230	469	347	249	157	42	10	-	-	11
24	239	267	506	346	249	174	49	20	1	-	13
20-24	1,071	1,076	2,147	1,666	1,282	625	135	43	2	2	58
25	273	289	562	331	223	200	84	19	10	2	24
26	313	273	586	314	279	193	77	16	6	2	13
27	362	333	695	255	284	229	100	39	7	6	30
28	405	371	776	226	346	259	94	38	12	6	21
29	479	466	945	230	411	320	127	39	8	4	36
25-29	1,832	1,732	3,564	1,356	1,543	1,201	482	151	43	20	124
30	488	485	973	210	418	303	137	56	14	3	42
31	596	526	1,122	212	415	407	162	68	24	16	30
32	569	528	1,097	181	391	392	196	49	22	10	37
33	592	515	1,107	185	339	391	218	77	29	19	34
34	490	474	964	119	283	352	181	77	29	16	26
30-34	2,735	2,528	5,263	907	1,846	1,845	894	327	118	64	169
35	442	440	882	112	187	299	234	85	33	18	26
36	408	390	798	109	167	248	203	100	30	26	24
37	318	302	620	69	116	187	186	67	31	14	19
38	266	234	500	73	87	156	128	68	22	22	17
39	195	180	375	51	73	94	87	70	18	17	16
35-39	1,629	1,546	3,175	414	630	984	838	390	134	97	102
40 and over	291	291	582	105	121	139	119	91	39	41	32
Age not stated	66	51	117	38	31	28	14	10	3	-	31

Table 4 Births registered, classified by area of residence and age of mother

Area of residence	Under 20	20-24	25-29	30-34	35-39	40 and over	Age not stated	All ages	Average age of mother at maternity	
									Total	First
LEINSTER	446	1,293	2,042	2,976	1,750	298	53	8,858	30.5	28.3
Carlow	13	30	53	74	26	5	-	201	29.6	27.6
Dublin City	139	341	440	560	304	52	3	1,839	29.4	27.4
South Dublin	62	194	262	369	203	30	8	1,128	29.9	27.8
Fingal	37	124	260	390	205	22	2	1,040	30.8	29.1
Dun Laoghaire Rathdown	25	59	76	200	168	35	1	564	32.3	29.9
Kildare	33	87	186	325	178	29	11	849	31.2	29.1
Kilkenny	11	41	70	84	52	13	1	272	30.5	27.8
Laois	6	39	56	95	56	11	1	264	31.0	28.6
Longford	5	17	32	37	19	1	4	115	30.0	27.9
Louth	10	69	90	106	58	7	-	340	29.7	27.0
Meath	24	51	130	234	155	24	4	622	31.7	29.3
Offaly	13	43	54	77	49	12	1	249	30.4	28.6
Westmeath	13	39	85	91	68	14	7	317	30.8	28.1
Wexford	34	87	148	167	95	19	7	557	29.9	27.3
Wicklow	21	72	100	167	114	24	3	501	31.1	28.5
MUNSTER	189	555	924	1,402	845	161	29	4,105	30.8	28.3
Clare	16	44	92	128	99	16	-	395	31.2	28.9
Cork City	34	76	100	115	70	12	-	407	29.5	27.0
Cork County	35	123	258	522	285	52	7	1,282	31.7	29.4
Kerry	16	66	109	138	88	17	-	434	30.7	28.2
Limerick City	22	48	58	46	33	8	-	215	28.6	25.5
Limerick County	13	63	91	154	91	16	4	432	31.0	28.6
North Tipperary	10	29	61	74	50	16	3	243	31.1	27.9
South Tipperary	18	34	49	72	48	9	12	242	30.2	27.7
Waterford City	15	44	40	68	28	1	1	197	29.0	26.9
Waterford County	10	28	66	85	53	14	2	258	31.1	28.5
CONNACHT	66	176	363	602	403	99	22	1,731	31.5	29.3
Galway City	14	36	66	86	51	10	-	263	30.4	28.7
Galway County	12	53	92	220	139	28	1	545	32.1	29.8
Leitrim	2	12	19	34	31	8	1	107	32.3	29.0
Mayo	20	36	107	146	96	27	16	448	31.4	28.6
Roscommon	7	16	37	47	52	12	1	172	32.1	29.6
Sligo	11	23	42	69	34	14	3	196	30.9	28.7
ULSTER (PART OF)	50	123	235	283	177	24	13	905	30.3	27.7
Cavan	9	26	58	79	46	8	5	231	30.9	28.9
Donegal	37	76	144	156	100	8	5	526	29.9	26.8
Monaghan	4	21	33	48	31	8	3	148	31.0	28.6
STATE	751	2,147	3,564	5,263	3,175	582	117	15,599	30.7	28.3
REGIONAL AUTHORITIES:										
Border	73	227	386	492	300	53	17	1,548	30.4	27.7
Midland	37	138	227	300	192	38	13	945	30.7	28.4
West	53	141	302	499	338	77	18	1,428	31.6	29.4
Dublin	263	718	1,038	1,519	880	139	14	4,571	30.2	28.2
Mid-East	78	210	416	726	447	77	18	1,972	31.3	29.0
Mid-West	61	184	302	402	273	56	7	1,285	30.7	28.0
South-East	101	264	426	550	302	61	23	1,727	30.1	27.6
South-West	85	265	467	775	443	81	7	2,123	31.0	28.7
HEALTH BOARDS:										
ERHA	317	877	1,324	2,011	1,172	192	28	5,921	30.4	28.3
Midland	37	138	227	300	192	38	13	945	30.7	28.4
Mid Western	61	184	302	402	273	56	7	1,285	30.7	28.0
North Eastern	47	167	311	467	290	47	12	1,341	31.0	28.6
North Western	50	111	205	259	165	30	9	829	30.4	27.5
South Eastern	101	264	426	550	302	61	23	1,727	30.1	27.6
Southern	85	265	467	775	443	81	7	2,123	31.0	28.7
Western	53	141	302	499	338	77	18	1,428	31.6	29.4

Table 5 Births registered outside marriage, classified by area of residence and age of mother

Area of residence	Under 25	25-29	30-34	35-39	40 and over	Age not stated	All ages	Average age of mother at maternity	
								Total	First
LEINSTER	1,442	856	579	249	58	18	3,202	26.5	24.8
Carlow	39	19	9	4	1	-	72	25.4	24.4
Dublin City	402	248	168	66	11	2	897	26.4	24.7
South Dublin	206	114	78	27	6	5	436	26.2	24.4
Fingal	127	83	63	26	5	-	304	27.0	25.6
Dun Laoghaire Rathdown	70	33	25	19	8	1	156	27.3	24.6
Kildare	104	63	45	24	4	5	245	26.9	25.5
Kilkenny	48	27	14	6	1	-	96	26.0	23.7
Laois	37	12	14	5	1	-	69	26.2	25.0
Longford	17	15	8	3	1	-	44	26.8	25.4
Louth	63	43	25	13	2	-	146	26.7	24.6
Meath	66	51	38	20	4	2	181	27.6	25.8
Offaly	42	18	8	5	3	-	76	25.7	24.5
Westmeath	43	29	11	4	2	1	90	26.0	23.6
Wexford	101	52	36	15	2	1	207	26.1	23.5
Wicklow	77	49	37	12	7	1	183	27.1	25.1
MUNSTER	595	323	217	97	30	7	1,269	26.5	24.6
Clare	42	38	23	10	5	-	118	27.6	26.1
Cork City	92	42	30	9	2	-	175	25.8	23.6
Cork County	126	80	57	21	11	-	295	27.1	25.1
Kerry	58	31	22	9	1	-	121	26.2	24.3
Limerick City	64	31	18	7	1	-	121	25.4	23.6
Limerick County	55	29	14	7	1	1	107	25.7	24.1
North Tipperary	31	21	12	9	3	-	76	27.4	24.0
South Tipperary	44	17	14	11	3	4	93	26.6	23.8
Waterford City	47	14	12	5	1	-	79	25.7	24.7
Waterford County	36	20	15	9	2	2	84	27.0	25.7
CONNACHT	185	108	84	46	11	5	439	27.1	25.3
Galway City	34	30	21	8	-	-	93	27.1	25.5
Galway County	48	27	26	14	2	-	117	27.6	25.7
Leitrim	9	5	2	5	2	-	23	28.8	25.8
Mayo	42	25	15	13	3	4	102	27.1	24.8
Roscommon	20	8	3	2	1	-	34	25.1	23.2
Sligo	32	13	17	4	3	1	70	26.7	25.3
ULSTER (PART OF)	139	69	27	22	6	8	271	25.7	23.9
Cavan	32	14	3	2	2	1	54	24.9	24.1
Donegal	93	48	19	15	3	5	183	25.6	23.2
Monaghan	14	7	5	5	1	2	34	27.8	26.6
STATE	2,361	1,356	907	414	105	38	5,181	26.5	24.7
REGIONAL AUTHORITIES:									
Border	243	130	71	44	13	9	510	26.3	24.4
Midland	139	74	41	17	7	1	279	26.1	24.5
West	144	90	65	37	6	4	346	27.1	25.3
Dublin	805	478	334	138	30	8	1,793	26.5	24.8
Mid-East	247	163	120	56	15	8	609	27.2	25.5
Mid-West	192	119	67	33	10	1	422	26.5	24.5
South-East	315	149	100	50	10	7	631	26.1	24.2
South-West	276	153	109	39	14	-	591	26.5	24.5
HEALTH BOARDS:									
ERHA	986	590	416	174	41	14	2,221	26.6	24.9
Midland	139	74	41	17	7	1	279	26.1	24.5
Mid Western	192	119	67	33	10	1	422	26.5	24.5
North Eastern	175	115	71	40	9	5	415	26.9	25.3
North Western	134	66	38	24	8	6	276	26.1	23.9
South Eastern	315	149	100	50	10	7	631	26.1	24.2
Southern	276	153	109	39	14	-	591	26.5	24.5
Western	144	90	65	37	6	4	346	27.1	25.3

Table 6 Births registered, classified by area of occurrence and by area of residence of mother, showing the percentage of births outside marriage

	Area of occurrence	Area of residence of mother				Percentage births outside marriage
		Males	Females	Total	Rate(a)	
LEINSTER	8,689	4,541	4,317	8,858	16.6	36.1
Carlow	-	93	108	201	17.2	35.8
Dublin City	5,859	958	881	1,839	14.6	48.8
South Dublin	5	593	535	1,128	18.6	38.7
Fingal	2	540	500	1,040	20.9	29.2
Dun Laoghaire Rathdown	327	290	274	564	11.6	27.7
Kildare	5	423	426	849	20.4	28.9
Kilkenny	387	134	138	272	13.3	35.3
Laois	378	144	120	264	17.7	26.1
Longford	-	65	50	115	14.6	38.3
Louth	696	171	169	340	13.1	42.9
Meath	4	308	314	622	18.3	29.1
Offaly	1	123	126	249	15.4	30.5
Westmeath	519	150	167	317	17.4	28.4
Wexford	499	297	260	557	18.8	37.2
Wicklow	7	252	249	501	17.2	36.5
MUNSTER	4,111	2,101	2,004	4,105	14.7	30.9
Clare	-	182	213	395	15.1	29.9
Cork City	1,804	231	176	407	13.0	43.0
Cork County	11	656	626	1,282	15.5	23.0
Kerry	373	225	209	434	12.9	27.9
Limerick City	1,088	106	109	215	15.6	56.3
Limerick County	-	227	205	432	14.0	24.8
North Tipperary	-	127	116	243	15.7	31.3
South Tipperary	233	121	121	242	12.0	38.4
Waterford City	598	102	95	197	17.4	40.1
Waterford County	4	124	134	258	17.8	32.6
CONNACHT	1,969	910	821	1,731	14.7	25.4
Galway City	792	127	136	263	15.7	35.4
Galway County	391	305	240	545	15.0	21.5
Leitrim	-	54	53	107	16.3	21.5
Mayo	425	234	214	448	15.0	22.8
Roscommon	1	94	78	172	12.6	19.8
Sligo	360	96	100	196	13.3	35.7
ULSTER (PART OF)	830	473	432	905	14.4	29.9
Cavan	363	121	110	231	16.1	23.4
Donegal	465	274	252	526	15.1	34.8
Monaghan	2	78	70	148	11.1	23.0
STATE	15,599	8,025	7,574	15,599	15.7	33.2
REGIONAL AUTHORITIES:						
Border	1,886	794	754	1,548	14.1	32.9
Midland	898	482	463	945	16.5	29.5
West	1,609	760	668	1,428	14.8	24.2
Dublin	6,193	2,381	2,190	4,571	16.0	39.2
Mid-East	16	983	989	1,972	18.8	30.9
Mid-West	1,088	642	643	1,285	14.9	32.8
South-East	1,721	871	856	1,727	16.1	36.5
South-West	2,188	1,112	1,011	2,123	14.4	27.8
HEALTH BOARDS:						
ERHA	6,205	3,056	2,865	5,921	16.6	37.5
Midland	898	482	463	945	16.5	29.5
Mid Western	1,088	642	643	1,285	14.9	32.8
North Eastern	1,065	678	663	1,341	15.3	30.9
North Western	825	424	405	829	14.7	33.3
South Eastern	1,721	871	856	1,727	16.1	36.5
Southern	2,188	1,112	1,011	2,123	14.4	27.8
Western	1,609	760	668	1,428	14.8	24.2

(a) Equivalent annual rates based on 2003 Population estimate

Table 7 Deaths registered, classified by area of occurrence and area of residence of deceased, showing the number aged 65 and over

	Area of occurrence	Area of residence of deceased				Persons 65 years and over
		Males	Females	Total	Rate ^(a)	
LEINSTER	3,769	1,863	1,918	3,781	7.1	2,969
Carlow	61	48	38	86	7.4	68
Dublin City	1,696	505	618	1,123	8.9	925
South Dublin	170	132	123	255	4.2	171
Fingal	58	93	116	209	4.2	150
Dun Laoghaire-Rathdown	288	177	191	368	7.6	292
Kildare	156	110	93	203	4.9	133
Kilkenny	153	88	76	164	8.0	133
Laois	106	48	62	110	7.4	90
Longford	38	30	32	62	7.9	53
Louth	249	119	108	227	8.8	175
Meath	158	115	89	204	6.0	161
Offaly	169	82	79	161	10.0	131
Westmeath	143	87	70	157	8.6	120
Wexford	226	128	125	253	8.5	205
Wicklow	98	101	98	199	6.8	162
MUNSTER	2,448	1,227	1,186	2,413	8.6	1,976
Clare	188	132	94	226	8.6	188
Cork City	688	128	173	301	9.6	240
Cork County	343	367	319	686	8.3	547
Kerry	314	168	159	327	9.7	275
Limerick City	259	57	67	124	9.0	99
Limerick County	116	101	112	213	6.9	185
North Tipperary	132	85	75	160	10.3	139
South Tipperary	183	96	81	177	8.8	143
Waterford City	182	28	49	77	6.8	63
Waterford County	63	65	57	122	8.4	97
CONNACHT	1,095	566	526	1,092	9.3	904
Galway City	235	32	50	82	4.9	69
Galway County	222	181	152	333	9.2	275
Leitrim	42	34	34	68	10.4	56
Mayo	316	181	150	331	11.1	271
Roscommon	124	71	69	140	10.3	120
Sligo	156	67	71	138	9.3	113
ULSTER (PART OF)	561	297	290	587	9.4	498
Cavan	134	67	61	128	8.9	109
Donegal	327	173	161	334	9.6	282
Monaghan	100	57	68	125	9.4	107
STATE	7,873	3,953	3,920	7,873	7.9	6,347
REGIONAL AUTHORITIES:						
Border	1008	517	503	1,020	9.3	842
Midland	456	247	243	490	8.6	394
West	897	465	421	886	9.2	735
Dublin	2,212	907	1,048	1,955	6.9	1,538
Mid-East	412	326	280	606	5.8	456
Mid-West	695	375	348	723	8.4	611
South-East	868	453	426	879	8.2	709
South-West	1,325	663	651	1,314	8.9	1,062
HEALTH BOARDS:						
ERHA	2,466	1,118	1,239	2,357	6.6	1,833
Midland	456	247	243	490	8.6	394
Mid Western	695	375	348	723	8.4	611
North Eastern	641	358	326	684	7.8	552
North Western	525	274	266	540	9.6	451
South Eastern	868	453	426	879	8.2	709
Southern	1,325	663	651	1,314	8.9	1,062
Western	897	465	421	886	9.2	735

(a) Equivalent annual rates based on 2003 Population estimate.

Table 8 Deaths registered classified by cause and age group

Cause of Death	ICD-9 Code	65 COD Code	All Ages			Age Group									
			Persons	Males	Females	0-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 and over
Total deaths	001-999	00	7,873	3,953	3,920	92	19	44	75	149	370	777	1,467	2,716	2,164
Infectious and parasitic diseases:-	001-139, 279.8	01	41	20	21	3	-	-	1	4	8	5	4	8	8
Tuberculosis	010-018,137	02	11	5	6	-	-	-	-	-	-	2	1	4	4
Meningococcal infection	036	03	2	1	1	2	-	-	-	-	-	-	-	-	-
AIDS (HIV Disease)	042-044, 279.8	04	1	-	1	-	-	-	1	-	-	-	-	-	-
Viral Hepatitis	070	05	6	4	2	-	-	-	-	2	4	-	-	-	-
other infectious and parasitic diseases	Rem(001-139)		21	10	11	1	-	-	-	2	4	3	3	4	4
Neoplasms	140-239	06	2,078	1,107	971	3	8	10	18	63	151	379	564	618	264
Malignant Neoplasms of the:-	140-208	07	2,057	1,100	957	3	8	10	18	62	151	377	561	614	253
lip, oral cavity, pharynx	140-149	08	32	23	9	-	-	-	-	1	2	11	8	6	4
oesophagus	150	09	74	43	31	-	-	-	1	2	5	15	21	17	13
stomach	151	10	73	45	28	-	-	-	-	2	6	13	22	19	11
colon	153	11	159	96	63	-	-	-	-	3	9	29	50	49	19
rectum and anus	154	12	95	59	36	-	-	-	-	3	9	14	29	28	12
liver and the intrahepatic bile ducts	155	13	55	34	21	-	-	-	-	2	3	11	13	18	8
pancreas	157	14	107	48	59	-	-	-	-	3	4	23	32	28	17
larynx and trachea/bronchus/lung	161-162	15	451	268	183	-	-	1	-	6	31	98	147	138	30
skin	172	16	19	10	9	-	-	-	2	2	2	5	3	4	1
breast	174-175	17	161	1	160	-	-	-	-	13	19	38	32	35	24
cervix uteri	180	18	26	-	26	-	-	-	-	3	7	6	5	5	-
other parts of uterus	179,182	19	11	-	11	-	-	-	-	-	-	-	5	4	2
ovary	183.0	20	63	-	63	-	-	-	2	2	7	15	20	13	4
prostate	185	21	152	152	-	-	-	-	-	-	-	9	35	73	35
kidney	189.0	22	47	32	15	-	-	-	1	2	2	11	9	18	4
bladder	188	23	39	23	16	-	-	-	1	-	1	7	6	14	10
lymph/haematopoietic tissue	200-208	24	193	107	86	2	4	3	1	3	17	24	54	65	20
other malignant neoplasms	Rem(140-208)		300	159	141	1	4	6	10	15	27	48	70	80	39
Diseases of the blood and blood-forming organs, immunological disorders (excl 279.8)	279-289	25	18	9	9	1	-	1	-	-	-	1	4	6	5
Endocrine, Nutritional and metabolic diseases	240-278	26	186	101	85	-	1	3	5	1	6	21	47	62	40
Diabetes mellitus	250	27	141	76	65	-	-	1	3	-	6	15	38	49	29
Mental and behavioural disorders	290-319	28	115	48	67	-	-	-	5	4	6	6	10	33	51
Alcohol abuse (including alcoholic psychosis)	291,303	29	12	9	3	-	-	-	-	2	4	3	2	1	-
Drug dependence, toxicomania	304-305	30	9	7	2	-	-	-	5	2	1	-	1	-	-
Diseases of the nervous system and the sense organs	320-389	31	192	83	109	4	2	-	3	9	7	16	36	53	62
Meningitis	320-322	32	4	2	2	-	-	-	1	-	-	3	-	-	-
Diseases of the Circulatory system:-	390-459	33	3,099	1,545	1,554	2	-	3	10	25	121	233	540	1,165	1,000
Ischaemic heart disease	410-414	34	1,554	851	703	-	-	-	2	9	65	133	314	556	475
(Acute myocardial infarction)	(410)		882	483	399	-	-	-	1	5	37	73	188	321	257
other heart disease	420-423, 425-429	35	484	219	265	-	-	3	5	4	21	41	68	168	174
Cerebrovascular disease	430-438	36	626	262	364	1	-	-	3	7	15	27	80	271	222
other diseases of circulatory system	Rem(390-459)		435	213	222	1	-	-	-	5	20	32	78	170	129

Diseases of the Respiratory system	460-519	37	1,356	650	706	6	2	2	4	3	23	66	184	550	516
Influenza	487	38	3	2	1	1	-	-	-	-	-	-	-	1	1
Pneumonia	480-486	39	664	302	362	5	2	1	-	-	14	26	64	238	314
Chronic Lower respiratory disease	490-494,496	40	481	253	228	-	-	1	2	2	6	29	90	223	128
Asthma	493	41	22	9	13	-	-	1	2	2	1	2	6	3	5
other diseases of the respiratory system	Rem(460-519)		208	93	115	-	-	-	2	1	3	11	30	88	73
Diseases of the Digestive system	520-579	42	264	120	144	-	-	-	4	8	23	30	33	95	71
Ulcer of stomach, duodenum and jejunum	531-534	43	40	21	19	-	-	-	-	1	2	4	5	14	14
Chronic liver disease	571	44	51	26	25	-	-	-	3	6	12	12	9	9	-
other diseases of the digestive system	Rem(520-579)		173	73	100	-	-	-	1	1	9	14	19	72	57
Diseases of the skin and subcutaneous tissue	680-709	45	17	7	10	-	-	-	-	-	-	-	2	9	6
Diseases of the musculoskeletal system/connective tissue	710-739	46	42	15	27	-	-	-	-	-	-	2	6	17	17
Rheumatoid arthritis and osteoarthritis	714-715	47	16	2	14	-	-	-	-	-	-	-	2	8	6
Diseases of the genitourinary system	580-629	48	166	75	91	1	-	-	1	3	4	4	16	68	69
Diseases of the kidney and ureter	580-594	49	126	60	66	1	-	-	-	3	3	4	15	51	49
Complications of pregnancy, childbirth and puerperium	630-676	50	-	-	-	-	-	-	-	-	-	-	-	-	-
Certain conditions originating in the perinatal period ²	760-779	51	37	24	13	37	-	-	-	-	-	-	-	-	-
Congenital malformations and chromosomal abnormalities	740-759	52	41	21	20	24	3	1	2	1	6	-	1	1	2
Congential malformations of the:- nervous system	740-742	53	6	3	3	4	1	-	1	-	-	-	-	-	-
circulatory system	745-747	54	13	5	8	7	1	-	-	1	3	-	1	-	-
Symptoms, signs, abnormal findings, ill-defined causes	780-799	55	65	28	37	8	-	1	-	1	4	1	4	9	37
Sudden infant death syndrome	798.0	56	8	3	5	8	-	-	-	-	-	-	-	-	-
Unknown and unspecified causes	798.1-799.9	57	20	9	11	-	-	1	-	1	3	-	1	7	7
Injury and poisoning	800-999		156	100	56	3	3	23	22	27	11	13	16	22	16
EXTERNAL CAUSES															
External causes of injury and poisoning	E800-E999	58	172	112	60	4	3	23	26	28	14	15	17	24	18
Accidents	E800-E929	59	111	69	42	3	3	14	11	12	9	6	13	22	18
Transport accidents	E800-E848	60	39	30	9	1	1	9	9	5	3	4	2	3	2
Road transport accidents	E810-E829, E929.0		39	30	9	1	1	9	9	5	3	4	2	3	2
Motor vehicle transport accidents	E810-E819		39	30	9	1	1	9	9	5	3	4	2	3	2
Accidental falls	E880-E888	61	46	22	24	-	-	2	1	4	1	-	9	16	13
Accidental poisoning	E850-E869	62	4	4	-	-	-	-	1	1	1	-	-	1	-
other accidents	Rem(E800-E929)		22	13	9	2	2	3	-	2	4	2	2	2	3
Suicide and intentional self harm	E950-E959	63	54	40	14	-	-	7	14	15	4	8	4	2	-
Homicide, assault	E960-E969	64	2	-	2	-	-	2	-	-	-	-	-	-	-
Events of undetermined intent	E980-E989	65	5	3	2	1	-	-	1	1	1	1	-	-	-
All other external causes	Rem(E930-E999)		-	-	-	-	-	-	-	-	-	-	-	-	-

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² Stillbirths not included

Table 9 Deaths registered, classified by principal cause¹

Area of residence	Population according to the Census of Population 2002	Total deaths	cause of death :							
			Malignant Neoplasms of:							Diabetes
			151	150, 152-159	162	174-175	179-189	200-208	Rem. 140-208	
LEINSTER	2,105,579	3,781	35	267	263	81	171	91	150	46
Carlow	46,014	86	1	4	7	-	8	2	3	-
Dublin City	495,781	1,123	10	75	89	21	30	27	47	14
South Dublin	238,835	255	4	22	27	10	10	5	15	1
Fingal	196,413	209	2	15	13	4	10	5	14	1
Dun Laoghaire Rathdown	191,792	368	3	29	23	10	22	7	11	1
Kildare	163,944	203	-	16	15	4	19	8	9	2
Kilkenny	80,339	164	1	9	9	4	14	4	8	-
Laois	58,774	110	1	10	7	-	6	1	3	2
Longford	31,068	62	-	2	3	2	3	1	3	1
Louth	101,821	227	1	19	12	3	16	4	5	5
Meath	134,005	204	3	12	9	8	5	8	6	5
Offaly	63,663	161	5	8	10	2	3	5	2	5
Westmeath	71,858	157	-	15	14	2	5	2	4	1
Wexford	116,596	253	1	16	11	7	9	7	12	5
Wicklow	114,676	199	3	15	14	4	11	5	8	3
MUNSTER	1,100,614	2,413	24	170	107	50	106	66	75	55
Clare	103,277	226	2	17	11	1	9	8	8	6
Cork City	123,062	301	7	21	12	8	18	10	7	3
Cork County	324,767	686	4	66	26	10	30	17	25	18
Kerry	132,527	327	2	14	13	9	13	12	11	15
Limerick City	54,023	124	1	5	6	3	1	3	4	1
Limerick County	121,281	213	1	8	14	4	15	5	1	3
North Tipperary	61,010	160	2	6	12	4	5	3	7	3
South Tipperary	79,121	177	1	11	8	5	5	4	9	4
Waterford City	44,594	77	-	8	2	3	4	-	1	-
Waterford County	56,952	122	4	14	3	3	6	4	2	2
CONNACHT	464,296	1,092	7	83	47	18	49	25	44	22
Galway City	65,832	82	-	8	8	3	3	5	1	3
Galway County	143,245	333	3	22	15	8	19	8	12	4
Leitrim	25,799	68	-	5	4	-	2	2	4	2
Mayo	117,446	331	1	27	9	3	10	5	16	9
Roscommon	53,774	140	1	10	7	3	8	3	7	1
Sligo	58,200	138	2	11	4	1	7	2	4	3
ULSTER (PART OF)	246,714	587	7	28	22	12	23	11	25	18
Cavan	56,546	128	3	12	4	4	8	2	5	7
Donegal	137,575	334	2	15	13	4	13	8	12	7
Monaghan	52,593	125	2	1	5	4	2	1	8	4
STATE	3,917,203	7,873	73	548	439	161	349	193	294	141
REGIONAL AUTHORITIES:										
Border	432,534	1,020	10	63	42	16	48	19	38	28
Midland	225,363	490	6	35	34	6	17	9	12	9
West	380,297	886	5	67	39	17	40	21	36	17
Dublin	1,122,821	1,955	19	141	152	45	72	44	87	17
Mid-East	412,625	606	6	43	38	16	35	21	23	10
Mid-West	339,591	723	6	36	43	12	30	19	20	13
South-East	423,616	879	8	62	40	22	46	21	35	11
South-West	580,356	1,314	13	101	51	27	61	39	43	36
HEALTH BOARDS:										
ERHA	1,401,441	2,357	22	172	181	53	102	57	104	22
Midland	225,363	490	6	35	34	6	17	9	12	9
Mid Western	339,591	723	6	36	43	12	30	19	20	13
North Eastern	344,965	684	9	44	30	19	31	15	24	21
North Western	221,574	540	4	31	21	5	22	12	20	12
South Eastern	423,616	879	8	62	40	22	46	21	35	11
Southern	580,356	1,314	13	101	51	27	61	39	43	36
Western	380,297	886	5	67	39	17	40	21	36	17

¹ See appendix for detailed description

and area of residence of deceased

cause of death :												
Diseases of Circulatory System:				Diseases of Respiratory System:			Diseases of the digestive system	740-759	760-779	Injury and Poisoning:		Remainder
401-405	410-414	430-438	Rem. 390-459	480-486	466, 490-493, 496	Rem. 460-519				E810-E825	other	
39	751	270	357	324	215	115	133	19	25	15	54	360
-	17	7	8	7	8	4	1	1	1	1	1	5
13	208	72	123	89	69	39	43	5	4	2	13	130
2	39	16	16	29	15	8	9	7	3	-	2	15
-	34	13	28	17	6	8	8	1	1	1	5	23
3	76	32	36	38	10	9	16	-	2	1	5	34
2	37	12	21	10	20	3	8	-	2	1	3	11
-	35	18	8	18	9	5	4	-	1	-	2	15
2	15	7	15	14	2	6	5	1	1	-	1	11
1	13	2	5	13	5	1	3	-	-	-	-	4
1	53	14	22	14	19	3	12	3	3	-	4	14
5	51	14	16	22	4	5	7	-	1	3	5	15
1	36	11	13	8	17	6	5	1	1	1	4	17
3	29	10	17	11	7	6	8	-	3	3	3	14
5	64	24	15	17	14	10	3	-	2	-	2	29
1	44	18	14	17	10	2	1	-	-	2	4	23
27	487	212	284	200	146	65	76	11	7	15	37	193
2	41	34	20	26	8	1	3	3	1	1	3	21
2	54	18	38	29	19	10	10	1	-	2	4	28
4	129	59	94	37	34	17	26	4	-	6	17	63
9	71	36	34	21	18	8	14	1	1	3	2	20
-	28	6	15	21	8	3	3	1	1	-	1	13
3	54	20	21	21	11	8	5	-	3	-	1	15
3	33	14	25	7	14	7	6	-	-	-	3	6
2	37	15	21	17	12	2	5	-	-	1	3	15
-	15	5	10	8	8	4	1	1	-	-	2	5
2	25	5	6	13	14	5	3	-	1	2	1	7
18	189	90	140	88	73	25	40	7	4	2	22	99
1	13	9	6	5	4	2	4	-	1	1	1	4
5	65	23	54	28	18	6	12	2	2	-	3	24
1	11	4	9	7	8	-	3	-	-	-	-	6
5	61	27	45	16	20	11	13	2	1	-	12	38
1	21	13	10	21	10	3	4	2	-	1	3	11
5	18	14	16	11	13	3	4	1	-	-	3	16
7	127	54	47	52	41	12	15	4	1	4	7	70
-	26	17	7	7	9	2	2	2	1	-	-	10
5	66	29	35	39	23	8	7	2	-	1	4	41
2	35	8	5	6	9	2	6	-	-	3	3	19
91	1,554	626	828	664	475	217	264	41	37	36	120	722
14	209	86	94	84	81	18	34	8	4	4	14	106
7	93	30	50	46	31	19	21	2	5	4	8	46
12	160	72	115	70	52	22	33	6	4	2	19	77
18	357	133	203	173	100	64	76	13	10	4	25	202
8	132	44	51	49	34	10	16	-	3	6	12	49
8	156	74	81	75	41	19	17	4	5	1	8	55
9	193	74	68	80	65	30	17	2	5	4	11	76
15	254	113	166	87	71	35	50	6	1	11	23	111
21	438	163	238	200	130	69	85	13	12	7	32	236
7	93	30	50	46	31	19	21	2	5	4	8	46
8	156	74	81	75	41	19	17	4	5	1	8	55
8	165	53	50	49	41	12	27	5	5	6	12	58
11	95	47	60	57	44	11	14	3	-	1	7	63
9	193	74	68	80	65	30	17	2	5	4	11	76
15	254	113	166	87	71	35	50	6	1	11	23	111
12	160	72	115	70	52	22	33	6	4	2	19	77

Table 10 Deaths registered of infants under 1 year, classified by cause, sex and age group

Cause of Death	ICD-9 Code	Total under 1 day	1 day and under 7 days	1 week and under 4 weeks	4 weeks and under 1 year	Total	
						M	F
ALL CAUSES		22	22	12	16	41	31
Enteritis and other diarrhoeal diseases	008,009	-	-	-	-	-	-
Tuberculosis, all forms	010-018,137	-	-	-	-	-	-
Whooping cough	033	-	-	-	-	-	-
Other infective and parasitic diseases	Rem(001-139)	-	-	-	-	-	-
Meningitis	320-322	-	-	-	-	-	-
Other inflammatory diseases of the central nervous system	323-326	-	-	-	-	-	-
Pneumonia	480-486	-	-	-	2	1	1
Influenza	487	-	-	-	-	-	-
Other diseases of respiratory system	460-479, 494-519	-	-	-	-	-	-
Diseases of digestive system	520-579	-	-	-	-	-	-
Congenital anomalies:							
Anencephalus and similar anomalies	740	3	-	-	-	-	3
Spina Bifida	741	-	-	-	-	-	-
Other congenital anomalies of digestive system	742	1	-	-	-	1	-
Congenital anomalies of eye, ear, face and neck	743,744	-	-	-	-	-	-
Congenital anomalies of the heart	745,746	-	4	2	-	2	4
Other congenital anomalies of circulatory system	747	-	-	-	-	-	-
Congenital anomalies of respiratory system	748	-	-	-	-	-	-
Other congenital anomalies of upper alimentary tract inc. cleft palate and lip	749,750	-	-	-	-	-	-
Other congenital anomalies of digestive system	751	-	-	-	-	-	-
Congenital anomalies of genital organs	752	-	-	-	-	-	-
Congenital anomalies of urinary system	753	-	1	-	-	1	-
Congenital musculoskeletal deformities including limbs	754-756	-	1	-	2	2	1
Congenital anomalies of the integument	757	-	-	-	-	-	-
Chromosomal anomalies	758	1	2	1	-	3	1
Other and unspecified congenital anomalies	759	2	2	1	-	2	3
Fetus or newborn affected by maternal conditions, maybe unrelated to the pregnancy	760	-	-	-	1	1	-
Fetus or newborn affected by maternal complications of pregnancy	761	-	1	-	-	1	-
Fetus or newborn affected by complications of placenta, cord and membranes	762	3	1	-	-	2	2
Birth injury and difficult labour	763,767	3	1	-	-	3	1
Slow fetal growth and malnutrition	764	-	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight	765	3	2	1	-	5	1
Disorders relating to long gestation and high birthweight	766	-	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia	768	2	-	1	-	2	1
Respiratory distress syndrome	769	2	3	-	1	4	2
Other respiratory conditions of fetus and newborn	770	1	1	-	1	2	1
Infections specific to the perinatal period	771	-	-	2	-	-	2
Fetal and neo-natal haemorrhage	772	1	1	1	-	1	2
Haemolytic disease of newborn	773,774	-	-	-	-	-	-
Endocrine and metabolic disturbances specific to the fetus and newborn	775	-	-	-	-	-	-
Haematological disorders of fetus and newborn	776	-	-	-	-	-	-
Perinatal disorders of digestive system	777	-	-	-	2	2	-
Conditions involving the integument and temperature regulation of fetus and newborn	778	-	-	2	-	1	1
Other and ill-defined conditions originating in the perinatal period	779	-	-	-	-	-	-
Sudden death, cause unknown	798	-	-	1	4	2	3
Fractures	800-829	-	-	-	-	-	-
Intracranial and internal injuries, including nerves	850-869, 950-957	-	-	-	1	-	1
Burns	940-949	-	-	-	-	-	-
Poisonings and toxic effects	960-989	-	-	-	-	-	-
Other injuries and poisonings	Rem(800-999)	-	-	-	-	-	-
All other causes		-	2	-	2	3	1

Table 11 Infant and neonatal mortality by area of residence of deceased

Area of residence	Infant mortality		Neonatal mortality	
	Number	Rate	Number	Rate
Leinster	40	4.5	28	3.2
Carlow	1	5.0	1	5.0
Dublin City	7	3.8	5	2.7
South Dublin	9	8.0	8	7.1
Fingal	2	1.9	1	1.0
Dun Laoghaire Rathdown	3	5.3	2	3.5
Kildare	3	3.5	2	2.4
Kilkenny	1	3.7	0	0.0
Laois	2	7.6	1	3.8
Longford	0	0.0	0	0.0
Louth	4	11.8	2	5.9
Meath	1	1.6	0	0.0
Offaly	1	4.0	1	4.0
Westmeath	3	9.5	3	9.5
Wexford	3	5.4	2	3.6
Wicklow	0	0.0	0	0.0
Munster	15	3.7	14	3.4
Clare	4	10.1	4	10.1
Cork City	0	0.0	0	0.0
Cork County	2	1.6	2	1.6
Kerry	2	4.6	1	2.3
Limerick City	2	9.3	2	9.3
Limerick County	3	6.9	3	6.9
North Tipperary	0	0.0	0	0.0
South Tipperary	0	0.0	0	0.0
Waterford City	1	5.1	1	5.1
Waterford County	1	3.9	1	3.9
Connacht	11	6.4	9	5.2
Galway City	1	3.8	0	0.0
Galway County	4	7.3	3	5.5
Leitrim	0	0.0	0	0.0
Mayo	2	4.5	2	4.5
Roscommon	2	11.6	2	11.6
Sligo	2	10.2	2	10.2
Ulster	6	6.6	5	5.5
Cavan	3	13.0	3	13.0
Donegal	3	5.7	2	3.8
Monaghan	0	0.0	0	0.0
State	72	4.6	56	3.6
REGIONAL AUTHORITIES:				
Border	12	7.8	9	5.8
Midland	6	6.3	5	5.3
West	9	6.3	7	4.9
Dublin	21	4.6	16	3.5
Mid-East	4	2.0	2	1.0
Mid-West	9	7.0	9	7.0
South-East	7	4.1	5	2.9
South-West	4	1.9	3	1.4
HEALTH BOARDS:				
ERHA	24	4.1	18	3.0
Midland	6	6.3	5	5.3
Mid Western	9	7.0	9	7.0
North Eastern	8	6.0	5	3.7
North Western	5	6.0	4	4.8
South Eastern	7	4.1	5	2.9
Southern	4	1.9	3	1.4
Western	9	6.3	7	4.9

Infant mortality rates: Deaths of infants under one year per 1,000 live births, classified by area of residence of mother

Neonatal mortality rates: Deaths of infants under 28 days per 1,000 live births, classified by area of residence of mother

Infant and neonatal mortality rates in some areas, based on small numbers are subject to considerable fluctuation and caution should be exercised in their interpretation

Quarter	Malignant Neoplasms of :							Diabet- es mellitus	Diseases of Circulatory System				Diseases of Respiratory System			Diseas- es of the digestive system	Congeni- tal anomali- es	Certain causes of perinatal mortality	Injury and Poisoning		Other
	Stom- ach	Digestive organs and peritone- um	Trachea, Bronchus and lung	Breast	Genito- urinary organs	Lymphat- ic and haemat- opoietic tissue	Other		Hyper- tensi- ve disea- se	Ischa- emic heart disea- se	Cerebro- vascular disease	Other	Pneumo- nia	Bronchitis, emphys- ema & asthma, incl. chronic obstructi- ve airways disease	Other				Motor vehicle accidents incl. non-traff- ic accidents	Other	
	151	150, 152-159	162	174- 175	179-189	200-208	Rem (140- 208)	250	401- 405	410- 414	430-438	Rem (390- 459)	480-486	466, 490-493, 496	Rem (460- 519)	520-579	740-759	760-779	E810- E825	Rem (800- 999)	Rem (001- 999)
1st Quarter																					
1999	100	492	410	183	297	195	322	126	71	2,187	866	990	982	746	276	314	51	41	96	279	843
2000	88	551	414	155	339	171	306	128	96	2,115	924	975	1,036	711	290	299	68	26	50	235	827
2001	85	540	419	207	307	183	299	124	72	1,868	730	854	731	464	244	230	44	35	62	192	718
2002	70	479	392	159	326	186	301	125	64	1,673	665	788	646	420	190	287	49	26	26	151	726
2003	108	511	425	159	324	176	282	103	72	1,650	626	764	659	447	203	268	44	26	47	162	700
2004	73	548	439	161	349	193	294	141	91	1,554	626	828	664	475	217	264	41	37	36	120	722
2nd Quarter																					
1999	78	528	348	150	297	174	285	115	68	1,758	613	790	599	443	185	220	51	28	120	272	655
2000	86	489	368	167	308	187	288	102	70	1,663	671	745	571	367	183	273	44	32	97	272	667
2001	78	465	309	141	293	134	288	98	67	1,501	679	746	593	361	175	250	47	30	76	246	683
2002	83	496	371	132	332	196	258	113	76	1,591	619	760	563	389	205	255	53	29	105	311	743
2003	71	474	379	147	306	173	268	102	64	1,461	608	667	543	365	214	264	54	27	63	278	675
2004																					
3rd Quarter																					
1999	80	488	331	154	296	141	262	107	63	1,419	590	627	495	298	141	225	51	26	68	194	589
2000	90	472	365	176	284	170	292	86	55	1,509	564	632	457	314	137	237	50	28	74	212	628
2001	94	521	363	170	319	179	277	81	55	1,430	596	653	456	326	141	249	40	41	90	270	623
2002	80	513	380	164	315	143	318	87	55	1,481	560	657	447	292	158	252	53	23	88	253	622
2003	83	512	399	159	308	126	273	104	69	1,250	485	631	470	277	152	247	51	34	85	286	638
2004																					
4th Quarter																					
1999	89	489	345	156	289	161	314	105	69	1,512	624	749	521	352	166	248	37	27	113	350	678
2000	85	457	385	149	298	141	282	86	54	1,342	588	657	459	334	143	239	38	29	104	305	654
2001	77	495	392	172	313	163	294	96	48	1,350	603	662	451	308	162	287	53	26	129	391	698
2002	99	472	331	157	316	150	280	89	61	1,337	549	659	519	317	184	233	51	33	120	327	694
2003	79	529	384	170	319	155	269	101	83	1,287	536	731	521	382	195	227	55	18	100	334	750
2004																					
Year																					
1999	347	1,997	1,434	643	1,179	671	1,183	453	271	6,876	2,693	3,156	2,597	1,839	768	1,007	190	122	397	1,095	2,765
2000	349	1,969	1,532	647	1,229	669	1,168	402	275	6,629	2,747	3,009	2,523	1,726	753	1,048	200	115	325	1,024	2,776
2001	334	2,021	1,483	690	1,232	659	1,158	399	242	6,149	2,608	2,915	2,231	1,459	722	1,016	184	132	357	1,099	2,722
2002	332	1,960	1,474	612	1,289	675	1,157	414	256	6,082	2,393	2,864	2,175	1,418	737	1,027	206	111	339	1,042	2,785
2003	341	2,026	1,587	635	1,257	630	1,092	410	288	5,648	2,255	2,793	2,193	1,471	764	1,006	204	105	295	1,060	2,763
2004																					

Appendix

Glossary of terms

NUTS III Regional Authority areas

Border, Midland, West, Dublin, Mid-East, Mid-West, South-East, South-West

Border:	Cavan, Donegal, Leitrim, Louth, Monaghan, Sligo.
Midland:	Laois, Longford, Offaly, Westmeath.
West:	Galway City, Galway County, Mayo, Roscommon.
Dublin:	Dublin City, South Dublin, Fingal, Dun Laoghaire-Rathdown.
Mid-East:	Kildare, Meath, Wicklow.
Mid-West:	Clare, Limerick City, Limerick County, North Tipperary.
South-East:	Carlow, Kilkenny, South Tipperary, Waterford City, Waterford County, Wexford.
South-West:	Cork City, Cork County, Kerry.

Health Board areas

Eastern Regional Health Authority (ERHA), Midland, Mid Western, North Eastern, North Western, South Eastern, Southern, Western.

Eastern Regional Health Authority:	Dublin City, South Dublin, Fingal, Dun Laoghaire-Rathdown, Kildare, Wicklow.
Midland:	Laois, Longford, Offaly, Westmeath.
Mid Western:	Clare, Limerick City, Limerick County, North Tipperary.
North Eastern:	Cavan, Louth, Meath, Monaghan.
North Western:	Donegal, Leitrim, Sligo.
South Eastern:	Carlow, Kilkenny, South Tipperary, Waterford City, Waterford County, Wexford.
Southern:	Cork City, Cork County, Kerry.
Western:	Galway City, Galway County, Mayo, Roscommon.

Causes of Death

ICD 9 Codes	Description
140-208	Malignant Neoplasms of:
151	- Stomach
150, 152 - 159	- Digestive organs and peritoneum
162	- Trachea, bronchus and lung
174-175	- Breast
179 - 190	- Genitourinary organs
200 - 208	- Lymphatic and haematopoietic tissue
390 - 459	Diseases of Circulatory system
401 - 405	- Hypertensive disease
410 - 414	- Ischaemic heart disease
430 - 438	- Cerebrovascular disease
460 - 486	Diseases of Respiratory system
480 - 486	- Pneumonia
466, 490 - 493, 496	- Bronchitis, emphysema and asthma, incl. Obstructive airways disease
740 - 759	Congenital anomalies
760 - 779	Certain causes of perinatal mortality
E810 - E825	Motor vehicle accidents incl. non-traffic accidents

Causes of death Eurostat shortlist (August 1998)

Nr	Disease or external cause	ICD-9 Code	ICD-10 Code
00	All causes of death	001-E999	A00-Y89
01	Infectious and Parasitic Diseases:-	001-139,279.8	A00-B99
02	Tuberculosis	010-018,137	A15-A19,B90
03	Meningococcal Infection	036	A39
04	AIDS (HIV Disease)	042-044,279.8	B20-B24
05	Viral Hepatitis	070	B15-B19
	other Infectious and Parasitic Diseases	Rem (001-139)	Rem (A00-B99)
06	Neoplasms	140-239	C00-D48
07	Malignant Neoplasms of the:-	140-208	C00-C97
08	Lip, Oral Cavity, Pharynx	140-149	C00-C14
09	Oesophagus	150	C15
10	Stomach	151	C16
11	Colon	153	C18
12	Rectum and Anus	154	C19-C20-C21
13	Liver and the Intrahepatic Bile Ducts	155	C22
14	Pancreas	157	C25
15	Larynx and Trachea/Bronchus/Lung	161-162	C32-C34
16	Skin	172	C43
17	Breast	174-175	C50
18	Cervix Uteri	180	C53
19	Other Parts of the Uterus	179,182	C54-C55
20	Ovary	183.0	C56
21	Prostate	185	C61
22	Kidney	189.0	C64
23	Bladder	188	C67
24	Lymph/Haematopoietic Tissue	200-208	C81-C96
	other Malignant Neoplasms	Rem (140-208)	Rem. (C00-C97)
25	Diseases of the Blood and Blood-forming Organs, Immunological disorders ¹	279-289	D50-D89
26	Endocrine, Nutritional and Metabolic Diseases	240-278	E00-E90
27	Diabetes Mellitus	250	E10-E14
28	Mental and Behavioural Disorders	290-319	F00-F99
29	Alcohol abuse (including Alcoholic Psychosis)	291,303	F10
30	Drug Dependence, Toxicomania	304-305	F11-F16,F18-F19
31	Diseases of the Nervous System and the Sense Organs	320-389	G00-H95
32	Meningitis	320-322	G00-G03
33	Diseases of the Circulatory System:-	390-459	I00-I99
34	Ischaemic Heart Disease	410-414	I20-I25
	(Acute Myocardial Infarction)	410	I21
35	Other Heart Disease	420-423,425-429	I30-I33,I39-I52
36	Cerebrovascular Disease	430-438	I60-I69
	other Diseases of the Circulatory System	Rem (390-459)	Rem. (I00-I99)
37	Diseases of the Respiratory System	460-519	J00-J99
38	Influenza	487	J10-J11
39	Pneumonia	480-486	J12-J18
40	Chronic Lower Respiratory Disease	490-494,496	J40-J47
41	Asthma	493	J45-J46
	other Diseases of the Respiratory System	Rem (460-519)	Rem. (J00-J99)
42	Diseases of the Digestive System	520-579	K00-K93
43	Ulcer of Stomach, Duodenum and Jejunum	531-534	K25-K28
44	Chronic Liver Disease	571.0-571.9	K70,K73-K74
	other Diseases of the Digestive System	Rem (520-579)	Rem. (K00-K93)
45	Diseases of the Skin and Subcutaneous Tissue	680-709	L00-L99
46	Diseases of the Musculoskeletal System/Connective Tissue	710-739	M00-M99
47	Rheumatoid Arthritis and Osteoarthritis	714-715	M05-M06,M15-M19
48	Diseases of the Genitourinary System	580-629	N00-N99
49	Diseases of the Kidney and Ureter	580-594	N00-N29
50	Complications of Pregnancy, Childbirth and Puerperium	630-676	O00-O99
51	Certain Conditions Originating in the Perinatal Period (stillbirths not included)	760-779	P00-P96
52	Congenital Malformations and Chromosomal Abnormalities	740-759	Q00-Q99
53	Congenital malformations of the Nervous System	740-742	Q00-Q07
54	Congenital malformations of the Circulatory System	745-747	Q20-Q28
55	Symptoms, Signs, Abnormal Findings, Ill-defined Causes	780-799	R00-R99
56	Sudden Infant Death Syndrome	798.0	R95
57	Unknown and Unspecified Causes	798.1-9,799	R96-R99
	Injury and Poisoning	800-999	S00-T98
58	External Causes of Injury and Poisoning (included in the Foregoing)	E800-E999	V01-Y89
59	Accidents	E800-E929	V01-X59
60	Transport Accidents	E800-E848	V01-V99
	Road transport Accidents	E810-E829, E929.0	V01-V80,V87,V89,Y85
	Motor vehicle transport Accidents	E810-E819	
61	Accidental Falls	E880-E888	W00-W19
62	Accidental Poisoning	E850-E869	X40-X49
	other accidents	Rem (E800-E929)	Rem (V01-X59)
63	Suicide and Intentional Self Harm	E950-E959	X60-X84
64	Homicide/Assault	E960-E969	X85-Y09
65	Cause Undetermined	E980-E989	Y10-Y34
	other External Causes	Rem (E930-E999)	

¹ 279.8 not included

Estimated Population classified by Sex and Age Group, 1999 - 2004

Sex and Age Group	Persons in April of each year					
	1999	2000	2001	2002	2003 ¹	2004 ¹
000						
Persons						
0 - 4 years	259.8	266.2	273.2	277.6	284.8	291.1
5 - 9 "	270.6	266.7	263.7	264.1	268.1	274.6
10 - 14 "	300.2	295.1	290.6	285.7	280.9	277.5
15 - 19 "	338.5	329.4	320.4	313.2	306.8	300.8
20 - 24 "	303.9	311.9	317.6	328.3	336.0	338.7
25 - 29 "	279.7	289.4	300.8	312.7	318.9	329.4
30 - 34 "	271.9	277.5	288.6	304.7	313.4	320.8
35 - 39 "	273.5	280.2	285.1	290.9	294.1	299.9
40 - 44 "	255.7	260.5	267.6	272.0	278.1	283.7
45 - 49 "	234.6	239.1	243.9	249.6	253.2	258.3
50 - 54 "	217.5	225.0	228.2	230.8	234.8	237.5
55 - 59 "	168.2	174.3	185.8	197.3	206.7	214.5
60 - 64 "	145.5	149.7	151.7	154.3	160.4	166.1
65 - 69 "	128.8	129.3	130.8	133.5	135.3	137.9
70 - 74 "	111.1	111.3	111.8	112.1	113.7	115.3
75 - 79 "	89.1	88.9	89.2	89.8	89.6	90.2
80 - 84 "	54.6	55.8	57.6	58.9	61.5	62.7
85 years and over	38.3	39.4	40.4	41.7	42.8	44.8
Total	3,741.6	3,789.5	3,847.2	3,917.2	3,978.9	4,043.8
Males						
0 - 4 years	134.0	137.2	140.4	142.0	145.6	148.8
5 - 9 "	138.7	136.6	135.5	135.9	137.7	141.2
10 - 14 "	154.1	151.3	149.0	146.1	144.2	142.4
15 - 19 "	173.8	168.9	164.3	160.4	157.0	154.1
20 - 24 "	153.6	157.4	160.5	165.3	168.5	170.3
25 - 29 "	140.5	146.0	151.2	156.1	159.6	165.0
30 - 34 "	133.9	137.5	144.2	152.4	157.2	160.3
35 - 39 "	135.2	138.2	141.2	144.5	146.3	150.5
40 - 44 "	127.5	129.7	133.0	135.3	138.2	140.8
45 - 49 "	117.6	119.8	122.4	125.0	126.5	128.8
50 - 54 "	110.4	114.1	115.5	116.6	118.2	119.6
55 - 59 "	85.2	88.2	94.0	99.8	104.9	108.7
60 - 64 "	72.5	74.8	75.9	77.6	80.6	83.6
65 - 69 "	63.0	63.3	64.0	65.3	66.1	67.4
70 - 74 "	49.7	50.3	51.1	51.7	53.1	54.4
75 - 79 "	37.0	36.9	37.1	37.4	37.4	38.0
80 - 84 "	20.4	21.0	21.7	22.3	23.3	23.7
85 years and over	11.5	11.8	12.2	12.5	13.0	13.7
Total	1,858.6	1,882.9	1,913.1	1,946.2	1,977.2	2,011.2
Females						
0 - 4 years	125.8	128.9	132.8	135.6	139.2	142.3
5 - 9 "	131.9	130.1	128.2	128.2	130.3	133.4
10 - 14 "	146.2	143.8	141.6	139.6	136.8	135.0
15 - 19 "	164.7	160.5	156.2	152.8	149.8	146.7
20 - 24 "	150.3	154.5	157.1	163.0	167.5	168.5
25 - 29 "	139.3	143.3	149.6	156.6	159.3	164.3
30 - 34 "	138.0	140.0	144.4	152.3	156.2	160.5
35 - 39 "	138.3	142.0	143.9	146.4	147.8	149.4
40 - 44 "	128.2	130.8	134.6	136.7	139.9	142.9
45 - 49 "	117.1	119.3	121.5	124.6	126.7	129.5
50 - 54 "	107.1	110.8	112.7	114.3	116.6	117.9
55 - 59 "	83.0	86.1	91.8	97.5	101.8	105.8
60 - 64 "	73.0	74.9	75.8	76.7	79.8	82.5
65 - 69 "	65.9	66.0	66.8	68.2	69.2	70.5
70 - 74 "	61.4	61.0	60.8	60.4	60.5	60.9
75 - 79 "	52.1	52.0	52.1	52.4	52.3	52.2
80 - 84 "	34.2	34.8	35.9	36.6	38.2	39.0
85 years and over	26.8	27.6	28.2	29.2	29.8	31.1
Total	1,883.0	1,906.6	1,934.1	1,971.0	2,001.7	2,032.6

¹ Preliminary